



# SLOVENSKI STANDARD SIST EN ISO 13468-2:2021

01-september-2021

Nadomešča:

SIST EN ISO 13468-2:2006

---

**Polimerni materiali - Ugotavljanje celotne prepustnosti svetlobe prozornih materialov - 2. del: Instrument z dvojnimi žarkom (ISO 13468-2:2021)**

Plastics - Determination of the total luminous transmittance of transparent materials - Part 2: Double-beam instrument (ISO 13468-2:2021)

Kunststoffe - Bestimmung des totalen Lichttransmissionsgrades von transparenten Materialien - Teil 2: Zweistrahlinstrument (ISO 13468-2:2021)

Plastiques - Détermination du facteur de transmission du flux lumineux total des matériaux transparents - Partie 2: Instrument à double faisceau (ISO 13468-2:2021)

**Ta slovenski standard je istoveten z: EN ISO 13468-2:2021**

---

**ICS:**

83.080.01	Polimerni materiali na splošno	Plastics in general
-----------	--------------------------------	---------------------

**SIST EN ISO 13468-2:2021**

**en,fr,de**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 13468-2:2021](#)

<https://standards.iteh.ai/catalog/standards/sist/5b84d726-b62a-401a-8454-a06ca8cbcd43/sist-en-iso-13468-2-2021>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 13468-2**

June 2021

ICS 83.080.01

Supersedes EN ISO 13468-2:2006

English Version

**Plastics - Determination of the total luminous  
transmittance of transparent materials - Part 2: Double-  
beam instrument (ISO 13468-2:2021)**

Plastiques - Détermination du facteur de transmission  
du flux lumineux total des matériaux transparents -  
Partie 2: Instrument à double faisceau (ISO 13468-  
2:2021)

Kunststoffe - Bestimmung des totalen  
Lichttransmissionsgrades von transparenten  
Materialien - Teil 2: Zweistrahlinstrument (ISO 13468-  
2:2021)

This European Standard was approved by CEN on 23 May 2021.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

<b>Contents</b>	<b>Page</b>
<b>European foreword.....</b>	<b>3</b>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 13468-2:2021](https://standards.iteh.ai/catalog/standards/sist/5b84d726-b62a-401a-8454-a06ca8cbcd43/sist-en-iso-13468-2-2021)  
<https://standards.iteh.ai/catalog/standards/sist/5b84d726-b62a-401a-8454-a06ca8cbcd43/sist-en-iso-13468-2-2021>

## European foreword

This document (EN ISO 13468-2:2021) has been prepared by Technical Committee ISO/TC 61 "Plastics" in collaboration with Technical Committee CEN/TC 249 "Plastics" the secretariat of which is held by NBN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2021, and conflicting national standards shall be withdrawn at the latest by December 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 13468-2:2006.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

**iTeh STANDARD PREVIEW**  
**Endorsement notice**  
**(standards.iteh.ai)**

The text of ISO 13468-2:2021 has been approved by CEN as EN ISO 13468-2:2021 without any modification.

[SIST EN ISO 13468-2:2021  
https://standards.iteh.ai/catalog/standards/sist/5b84d726-b62a-401a-8454-a06ca8cbcd43/sist-en-iso-13468-2-2021](https://standards.iteh.ai/catalog/standards/sist/5b84d726-b62a-401a-8454-a06ca8cbcd43/sist-en-iso-13468-2-2021)

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN ISO 13468-2:2021

<https://standards.iteh.ai/catalog/standards/sist/5b84d726-b62a-401a-8454-a06ca8cbcd43/sist-en-iso-13468-2-2021>

# INTERNATIONAL STANDARD

# ISO 13468-2

Second edition  
2021-06

---

---

## Plastics — Determination of the total luminous transmittance of transparent materials —

### Part 2: Double-beam instrument

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**  
*Plastiques — Détermination du facteur de transmission du flux  
lumineux total des matériaux transparents —  
Partie 2: Instrument à double faisceau*

[SIST EN ISO 13468-2:2021](https://standards.iteh.ai/catalog/standards/sist/5b84d726-b62a-401a-8454-a06ca8cbcd43/sist-en-iso-13468-2-2021)

<https://standards.iteh.ai/catalog/standards/sist/5b84d726-b62a-401a-8454-a06ca8cbcd43/sist-en-iso-13468-2-2021>



Reference number  
ISO 13468-2:2021(E)

© ISO 2021

## iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 13468-2:2021](https://standards.iteh.ai/catalog/standards/sist/5b84d726-b62a-401a-8454-a06ca8cbcd43/sist-en-iso-13468-2-2021)

<https://standards.iteh.ai/catalog/standards/sist/5b84d726-b62a-401a-8454-a06ca8cbcd43/sist-en-iso-13468-2-2021>



### **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2021

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland



<b>Contents</b>		Page
<b>Foreword</b> .....		<b>iv</b>
<b>1 Scope</b> .....		<b>1</b>
<b>2 Normative references</b> .....		<b>1</b>
<b>3 Terms and definitions</b> .....		<b>1</b>
<b>4 Apparatus</b> .....		<b>2</b>
<b>5 Test specimens</b> .....		<b>4</b>
<b>6 Conditioning</b> .....		<b>5</b>
<b>7 Procedure</b> .....		<b>5</b>
<b>8 Expression of results</b> .....		<b>6</b>
<b>9 Precision</b> .....		<b>6</b>
<b>10 Test report</b> .....		<b>6</b>
<b>Bibliography</b> .....		<b>7</b>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 13468-2:2021](https://standards.iteh.ai/catalog/standards/sist/5b84d726-b62a-401a-8454-a06ca8cbcd43/sist-en-iso-13468-2-2021)

<https://standards.iteh.ai/catalog/standards/sist/5b84d726-b62a-401a-8454-a06ca8cbcd43/sist-en-iso-13468-2-2021>

## ISO 13468-2:2021(E)

### Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 5, *Physical-chemical properties*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 249, *Plastics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 13468-2:1999), of which it constitutes a minor revision.

The changes compared to the previous edition are as follows:

- the normative references have been updated.

A list of all parts in the ISO 13468 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).